

**ATTORNEY DOCKET NO. 08146.0005U1
PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of)
)
 SCHRAMM, Henning, et al.) Art Unit: unassigned
)
International Application No. PCT/EP03/008347) Examiner: unassigned
U.S. Application No. 10/523,092)
)
International Filing Date: 29 July 2003) Confirmation No. unassigned
)
For: METHOD AND DEVICE FOR)
 CHROMATOGRAPHIC COMPONENT)
 SEPARATION)

INFORMATION DISCLOSURE STATEMENT

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

NEEDLE & ROSENBERG, P.C.
Customer Number 23859

Sir:

Pursuant to the requirements of 37 C.F.R. § 1.56, submitted herewith on the accompanying Information Disclosure Statement List is a listing of documents known to Applicants and/or their attorneys. In accordance with 37 C.F.R. § 1.98(a)(2), copies of any cited U.S. patent or U.S. patent application publication documents are not enclosed. Copies of any cited foreign patent document and/or any non-patent publication are enclosed.

This Information Disclosure Statement is believed to be filed in a timely manner pursuant to 37 C.F.R. § 1.97(b)(3), in that a first Office Action on the merits of the present patent application has not yet been mailed to Applicants.

Consideration of the cited documents and making the same of record in the prosecution of the above-referenced application are respectfully requested.

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Application No. PCT/EP2003/08347**

No fee is believed due; however, the Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-0629.

Respectfully submitted,

NEEDLE & ROSENBERG, P.C.

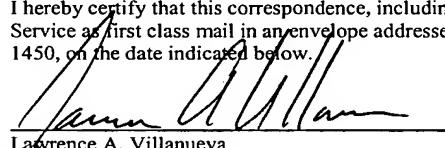


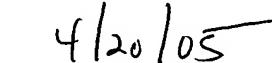
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CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

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Lawrence A. Villanueva

Date

INFORMATION DISCLOSURE STATEMENT LIST (Use as many sheets as necessary)				Complete if Known			
International Application Number	PCT/EP2003/008347						
U.S. Application Number	10/523,092						
International Filing Date	July 29, 2003						
First Named Inventor	Schramm, et al.						
Group Art Unit	Unassigned						
Examiner Name	unassigned						
U.S. PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Document No.	Date	Name	Class	Subclass	Filing Date (if appropriate)
A1	2,985,589	05/23/61	Broughton et al.	210	34		
A2	4,293,346	10/06/81	Landis et al.	127	46		
A3	5,102,553	04/07/92	Kearney et al.	210	659		
A4	5,122,275	06/16/92	Rasche	210	659		
A5	5,156,736	10/20/92	Schoenrock	210	264		
A6	5,422,007	06/06/95	Nicoud, et al.	210	659		
A7	5,762,806	06/09/98	Hotier	210	659		
A8	5,770,088	06/23/98	Ujeda, et al.	210	659		
FOREIGN PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Foreign Patent Document Country Code-Number-Kind Code	Date	Name		Translation Yes/No	
A9	EP 0577079 A1	01/05/94	Daicel Chemical Company, Limited		Yes		
A10	DE 198 42 550 A1	03/23/00	Universitat Dortmund		Yes		
A11	WO 00/25885	05/11/00	Institut Francais Du Petroleq		Yes		
NON-PATENT DOCUMENTS							
Examiner's Initials	Cite No.	Non-Patent Citations (include Author, Title, Publisher, Relevant Pages, Date and Place of Publication)					
	A12	Biressi G. et al: "Experimental investigation of the behavior of gas phase Simulated moving bed." – Journal of Chromatography A. Elsevier Science, NL, Vol. 957, no. 2, 223-225, 31 May 2002.					
	A13	Mazzotti M., et al. "Optimal operation of simulated moving bed units for nonlinear chromatographic separations." – Journal of Chromatography A. Elsevier Science, NL., Vol. 769, no. 1, 3-24, 2 May 1997.					
	A14	Ludemann-Hombourger, O., et al. The "VARICOL" Process: A New Multicolumn Continuous Chromatographic Process – Separation Science and Technology, 35(12): 1829-1862 (2000).					
Examiner Signature:			Date Considered:				
EXAMINER: Initial if reference considered whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							